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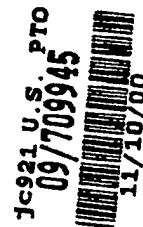
A

Atty. Docket No.: 25436/1190

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Joseph Sorge  
Serial No.: Not Assigned Yet  
Filed: Concurrent Herewith  
Entitled: "GENE MONITORING AND GENE  
IDENTIFICATION USING cDNA  
ARRAYS"



**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL591997627US this date, November 10, 2000, postage prepaid, in an envelope addressed to Box: Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Kathleen Madden Williams

Name of Person Mailing Paper

Kell  
Signature of Person Mailing Paper

Box: Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Certificate of Express Mailing;
2. New Patent Application Transmittal;
3. Patent Application Specification, (51 pages);
4. (3) sheets of informal drawings;
5. Unexecuted Declaration and Power of Attorney;
6. Check in the amount of \$1,073.00 for the requisite filing fee; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Assistant Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 25436/1190. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 11/10/00

Kell  
Name: Kathleen M. Williams, Ph.D  
Registration No.: 34,380  
PALMER AND DODGE, LLP  
One Beacon Street  
Boston, MA 02109-3190  
Telephone No: (617) 573-0100

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/1198

1c9218 S. PRO  
09/709945  
11/10/00

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. **EL591997627US** on this date, **NOVEMBER 10, 2000**, postage prepaid, in an envelope addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams, Ph.D

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Joseph A. Sorge

Title of Invention: GENE MONITORING AND GENE IDENTIFICATION USING cDNA ARRAYS

Type: ☒ New  
☐ Continuation  
☐ Continuation-in-Part  
☐ Divisional

and includes the following papers:

1. ☒ Specification 51 pages (including specification, claims, abstract)/67 claims (7 independent)
2. ☒ Declaration/Power of Attorney is:  
☒ attached ☐ executed ☒ unexecuted  
☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 3 Distinct sheets of ☐ Formal ☐ Informal Drawings
4. ☐ Preliminary Amendment.
5. ☐ Information Disclosure Statement  
☐ Form 1449  
☐ A copy of each cited prior art reference
6. ☐ Assignment with Recordation Cover Sheet.
7. ☐ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

8. ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

00011-54660760

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/1190

10. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
11. ☐ Microfiche Computer Program (Appendix).
12. ☐ Nucleotide and/or Amino Acid Sequence Submission.
- ☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.

13. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$710.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	67	47	\$18.00	846.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	7	4	\$80.00	320.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	YES		\$270.00	270.00
Subtotal - Filing Fee Due				2,146.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)			MULTIPLY BY 0.50	
<b>TOTAL FILING FEE DUE</b>				<b>\$1,073.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
<b>GRAND TOTAL DUE</b>				<b>\$1,073.00</b>

14. PAYMENT is:

- ☒ included in the amount of \$1,073.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 25436/1190.
- ☐ not included, but deferred under 37 C.F.R. § 1.53(f).

15. All correspondence for the attached application should be directed to:

Kathleen M. Williams, Ph.D.  
 Palmer & Dodge, LLP  
 One Beacon Street  
 Boston, MA 02108  
 Telephone: (617) 573-0100  
 Facsimile: (617) 227-4420

16. Other: \_\_\_\_\_

Respectfully submitted,

Date: November 10, 2000

By: \_\_\_\_\_

Name: Kathleen M. Williams  
 Registration No.: 34,380